Listing of the Claims:

The following is a complete listing of all the claims in the application, with an indication of the status of each:

1 (Currently Amended). An antenna apparatus, comprising:

an antenna element, having directivity in a vertex direction;

an antenna case, containing the antenna element;

an antenna base, coupled to the antenna case, and attached onto an installation face; and

an angle regulator, adjusting a relative angle between the antenna case and the antenna base to optimize a sensitivity of the antenna element to a received signal.

2 (Original). The antenna apparatus as set forth in claim 1, further comprising a driving unit, driving the angle regulator so as to mechanically adjust the relative angle between the antenna case and the antenna base.

3 (Original). The antenna apparatus as set forth in claim 2, further comprising a detector, detecting a condition of radio-wave received by the antenna element; and

a controller, controlling the driving unit based on the condition of the radio-wave detected by the detector.

4 (Original). The antenna apparatus as set forth in claim 1, wherein the angle regulator includes a plunger, a receiving portion having a plurality of depressions for latching the plunger, and a resilient member urging the plunger to the receiving portion.

5 (Original). The antenna apparatus as set forth in claim 1, wherein a hook hole is formed in a base face of the antenna base.

6 (Original). The antenna apparatus as set forth in claim 5, wherein the hook hole has a large-diameter hole portion and narrow slit portions which formed on both sides of the large-diameter portion.

7 (Original). The antenna apparatus as set forth in claim 6, wherein the hook hole has a plurality of hook holes; and

wherein the hook holes are formed in four places corresponding to four corners of the base face which is attached onto the installation face.

8 (Original). The antenna apparatus as set forth in claim 1, wherein a cable hole is formed in the a base face of the antenna base so that a cable is drawn out from the cable hole toward an upper side or a lower side of the antenna base.

9 (Original). The antenna apparatus as set forth in claim 8, wherein a cable drawing-out groove is formed in the base face of the antenna base so as to extend to the upper side or the lower side of the antenna base; and

wherein a cable latch portion is formed in the base face of the antenna base so as to latch the cable which is drawn out along the groove.

10 (Original). The antenna apparatus as set forth in claim 1 wherein the installation face is formed on an interior of a vehicle.

11 (Original). The antenna apparatus as set forth in claim 1 wherein an elastic slip stopper is provided on a base face of the antenna base.

12 (New). The antenna apparatus, comprising:

an antenna element;

an antenna case;

an antenna base, coupled to the antenna case, and attached onto an

installation face; and

a low noise amplifier circuit board, amplifying a signal received by the antenna element;

wherein the antenna element and the low noise amplifier circuit board are contained in the antenna case;

wherein the antenna base is fixed to the installation face; and

Wherein the antenna case is movable with respect to the antenna base.

13 (New). The antenna apparatus as set forth in claim 12, further comprising an angle regulator, adjusting a relative angle between the antenna case and the antenna base to optimize a sensitivity of the antenna element to the received signal.